

Ozone Exceptional Events, 2018-2020

EE Initial Notification Summary Information

Submitting Agency: Northern Sierra Air Quality Management District

Agency Contact: Sam Longmire

Date Submitted: 3/12/2021

Applicable NAAQS: 2008 8-Hour Ozone

Affected Regulatory Decision¹: Attainment Determination

(for classification decisions, specify level of the classification with/without EE concurrence)

Area Name/Designation Status: Nevada County (Western Part)/Serious Nonattainment

Design Value Period (list three year period): 2018-2020

(where there are multiple relevant design value periods, summarize separately)

A) Information specific to each flagged site day that may be submitted to EPA in support of the affected regulatory decision listed above

Date of Event	Type of Event (high wind, volcano, wildfires/prescribed fire, other ²)	AQS Flag	Site AQS ID	Site Name	Exceedance Concentration (with units)	Notes (e.g. event name, links to other events)
7/26/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	83 ppb	Multiple Wildfires
7/27/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	82 ppb	Multiple Wildfires
7/28/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	78 ppb	Multiple Wildfires
7/29/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	78 ppb	Multiple Wildfires
7/31/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	101 ppb	Multiple Wildfires
8/1/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	98 ppb	Multiple Wildfires
8/2/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	101 ppb	Multiple Wildfires
8/7/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	84 ppb	Multiple Wildfires
8/8/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	95 ppb	Multiple Wildfires
8/9/2018	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	93 ppb	Multiple Wildfires
8/20/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	122 ppb	Multiple Wildfires
8/21/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	104 ppb	Multiple Wildfires
8/24/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	78 ppb	Multiple Wildfires
8/25/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	75 ppb	Multiple Wildfires
8/26/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	76 ppb	Multiple Wildfires
8/28/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	74 ppb	Multiple Wildfires
8/29/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	80 ppb	Multiple Wildfires
9/1/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	85 ppb	Multiple Wildfires
9/5/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	78 ppb	Multiple Wildfires
9/12/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	86 ppb	Multiple Wildfires
9/13/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	81 ppb	Multiple Wildfires
9/14/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	79 ppb	Multiple Wildfires

¹ designation, classification, attainment determination, attainment date extension, or finding of SIP inadequacy leading to SIP call

² Provide additional information for types of event described as "other"

9/15/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	76 ppb	Multiple Wildfires
9/16/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	78 ppb	Multiple Wildfires
9/17/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	75 ppb	Multiple Wildfires
9/21/2020	Wildfire	IT	06-057-0005	Grass Valley-Litton Building (POC 1)	79 ppb	Multiple Wildfires

B) Violating Sites Information

(listing of all violating sites in the planning area, regardless of operating agency, and regardless of whether or not they are impacted by EEs)

Site/monitor (AQS ID and POC)	Design Value (<u>without</u> EPA concurrence on any of the events listed in table A above)	Design Value (<u>with</u> EPA concurrence on all events listed in table A above)
Grass Valley-Litton Building 06-057-0005-1	0.084 ppm	0.073 ppm

C) Summary of Maximum Design Value (DV) Site Information (Effect of EPA Concurrence on Maximum Design Value Site Determination)

(Two highest values from Table B)

Maximum DV site (AQS ID) <u>without</u> EPA concurrence on any of the events listed in table A above	Design Value 0.084 ppm	Design Value Site Grass Valley-Litton Building	Comment Area would be required to bump-up to Severe.
Maximum DV site (AQS ID) <u>with</u> EPA concurrence on all events listed in table A above	Design Value 0.073 ppm	Design Value Site Grass Valley-Litton Building	Comment Area would be in attainment for 2008 Ozone NAAQS.

D) List of any sites (AQS ID) within planning area with invalid design values (e.g., due to data incompleteness)

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² Provide additional information for types of event described as "other"